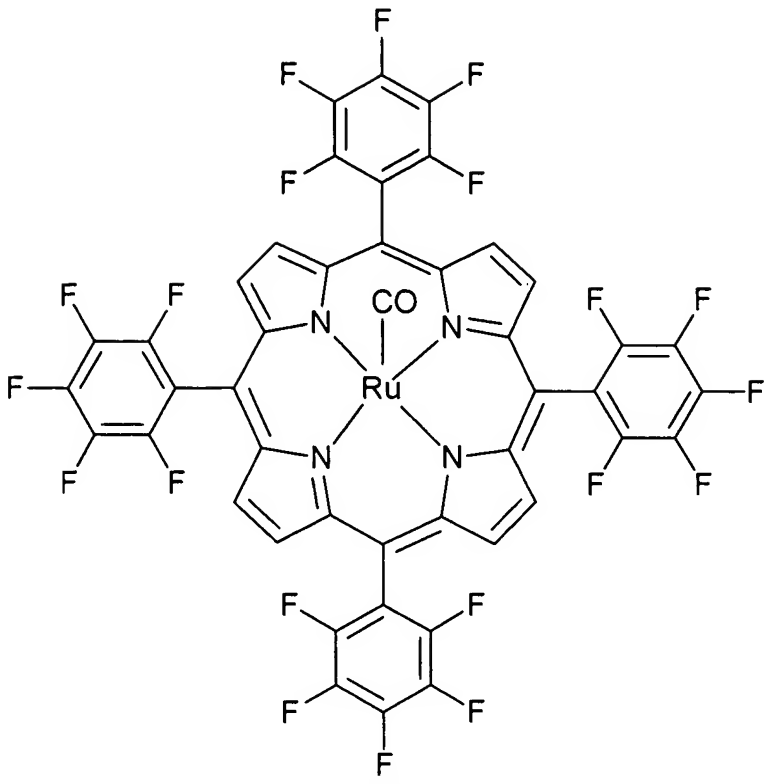
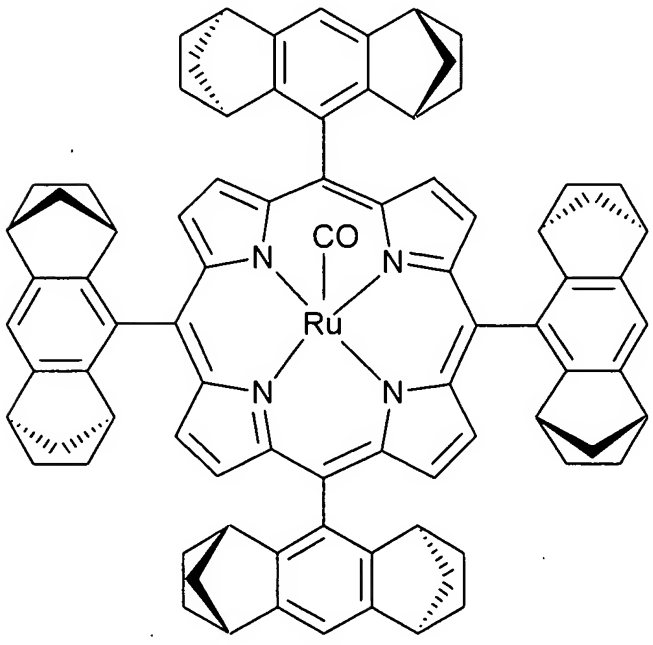
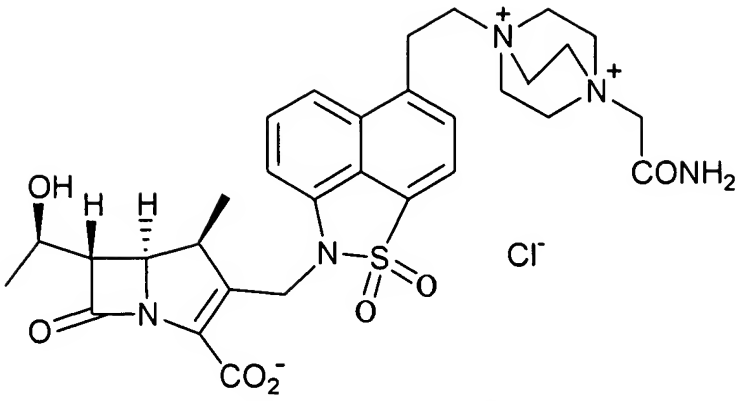


1

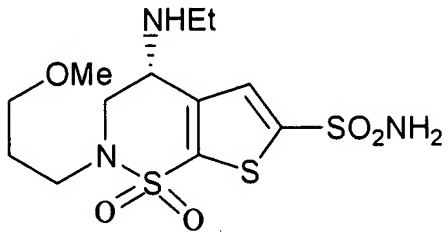


2

FIG. 1



L-786,392 **3**



Brinzolamide **4**

FIG. 2

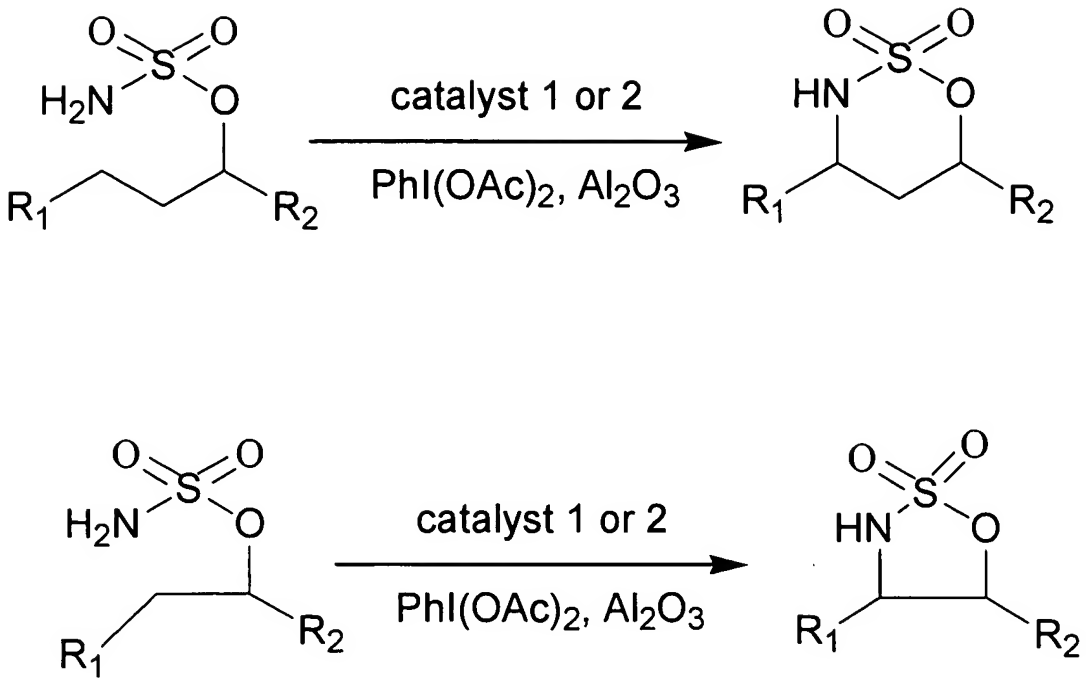
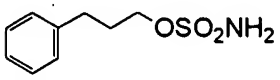
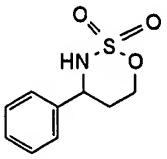
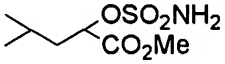
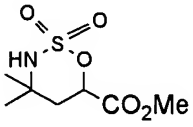
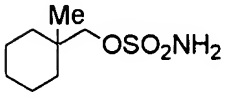
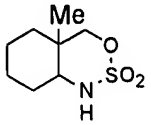
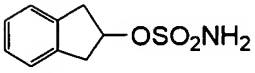
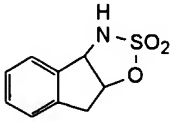
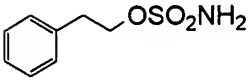
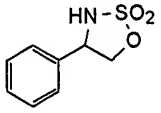
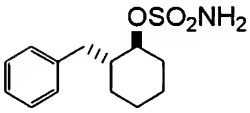
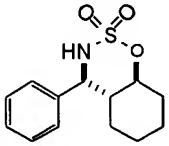


FIG. 3

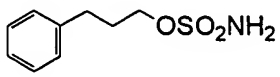
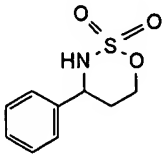
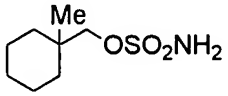
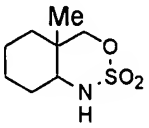
Intramolecular amidation catalyzed by [Ru^{II}(TPFPP)(CO)] (1)[a]

Entry	Substrates	Products	Yield (%)
1	 **5**	 **11**	77
2	 **6**	 **12**	76
3	 **7**	 (*cis*)-**13**	88
4	 **8**	 (*cis*)-**14**	61
5	 **9**	 **15**	56
6	 **10**	 **16**	88

[a]Reaction conditions: catalyst: substrate: $PhI(OAc)_2$ = 0.015: 1: 2; CH_2Cl_2, 40°C, 2 h.

FIG. 4

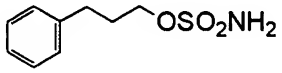
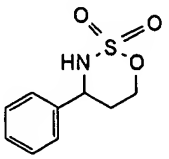
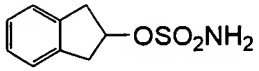
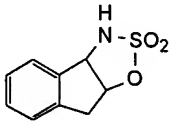
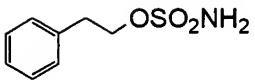
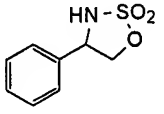
High turnover intramolecular amidation catalyzed by [Ru^{II}(TPFPP)(CO)] (1)

Entry	Substrate	Product	Yield (%)	Turnover
1[a]	 **5**	 **11**	29	290
2[b]	 **7**	 **(*cis*)-13**	38	301

[a]Reaction conditions: catalyst: substrate: $PhI(OAc)_2$ = 1: 1000: 2000; CH_2Cl_2, 40°C, 20 h.
[b]Reaction conditions: catalyst: substrate: $PhI(OAc)_2$ = 1: 800: 1600; CH_2Cl_2, 40°C, 20 h.

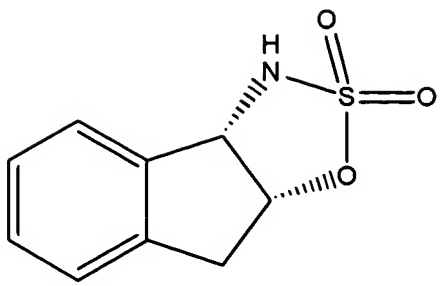
FIG. 5

Asymmetric intramolecular amidation catalyzed by [Ru^{II}(D_4-Por*)(CO)][a]

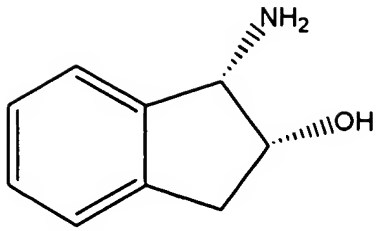
Entry	Substrate	Product	Solvent	Yield (%)	Ee (%)[b]
1			CH_2Cl_2	77	46
2	**5**	**11**	C_6H_6	63	79
3			C_6H_6	48	84[c]
4			CH_2Cl_2	57	71
5			C_6H_6	53	81
6	**8**	**14**	C_6H_6	39	82[c]
7			PhMe	39	77[d]
8			CH_2Cl_2	53	69
9			C_6H_6	43	82
	9	**15**			
10			C_6H_6	35	87[c]

[a]Reaction conditions: catalyst: substrate: $PhI(OAc)_2$ = 1: 10: 14; 40°C for 2 h. [b]Ee was determined by HPLC using chiral OD column. [c]Reaction at 4°C and 8 h. [d]Reaction at 0°C and 8 h.

FIG. 6



(1*S*,2*R*)-**14**



17

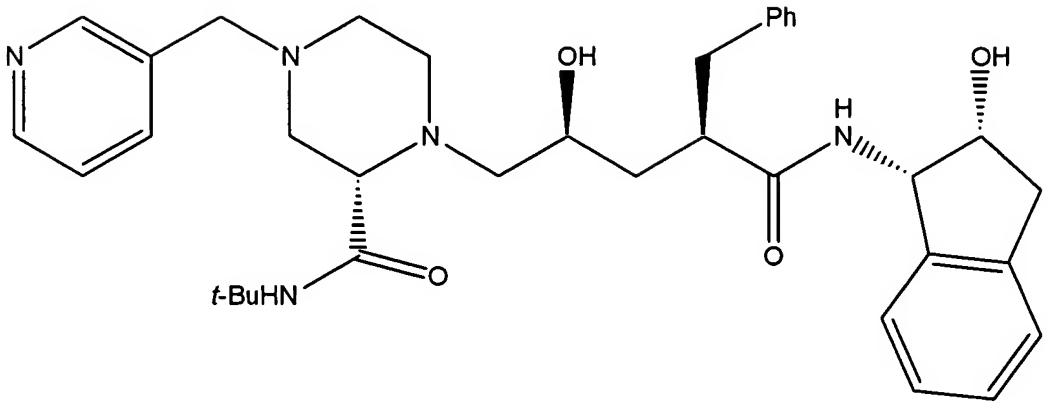


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FIG. 7